

Expanded Polypropylene (EPP) Manufacturing Business

Description:

Expanded Polypropylene (EPP) Manufacturing Business. Production of EPP

Expanded Polypropylene (EPP) Foam Market is expected to reach USD 1.30 billion

EPP is highly versatile and fully recyclable. Its other properties include excellent energy absorption, buoyancy, impact resistance, thermal insulation, water and chemical resistance, and high strength-to-weight ratio. EPP can be manufactured with a wide range of densities ranging from 10 to 180 grams per liter. It can then be transformed by molding into EPP with densities ranging from 16 to 265 grams per liter. Properties of EPP such as absorption of high-magnitude kinetic impacts without breaking down and re-attainment of the original shape after the impact are factors driving the market for EPP in several applications, especially the aircraft modelling.

Expanded Polypropylene (EPP) foam is a bead foam used in automotive and industrial packaging applications. They exhibit unique properties such as thermal insulation, excellent energy absorption, chemical and water resistance, impact resistance etc. EPP foams are used extensively in industrial packaging due to its cushioning capability and its flexibility provides excellent protection to complex shapes.

EPP foams are available in different densities called high density EPP grade and low density EPP grade depending on the application. High density grade EPP foams exhibit excellent strength and reduced weight property and are used in applications where energy management is a critical parameter. Hence, they are used in automotive applications such as passenger safety parts and automotive bumpers. Low density EPP grades are used in industrial packaging applications and medium density EPP grades are used in consumer products and furniture.

For more details download PDF file.

Keywords: #Expanded_Polypropylene, #Expanded_Poly_Propylene, #EPP, EPP (Expanded Polypropylene) Foam, #Expanded_Polypropylene_(EPP)_Foam, #Expanded_Polypropylene_(EPP)_Industry, #EPP_Manufacture, #Manufacturing_and_Application_of_Expanded_Polypropylene, EPP Production Plant, Process for Producing Expanded Polypropylene, Expanded Polypropylene Production, Automotive Expanded Polypropylene (EPP), #Expanded_Polypropylene_Manufacturing_Process_PPT, #Expanded_Polypropylene_(EPP)_Foam_Production, EPP Product Ma

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